

Substitute for form 1449B/PTO				Complete if Known	
FEB. 05 2004 INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/120,383
Date Submitted: February 5, 2004 (use as many sheets as necessary)				Filing Date	07/22/1998
				First Named Inventor	Fumihiko Watanabe
				Group Art Unit	1621
				Examiner Name	Samuel Barts
				Attorney Docket Number	67242/107
Sheet	1	of	4		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
SFB	B1	3,784,701		TOMCUFICIK ET AL.	01-09-1974	
	B2	4,269,775		SZCZEPANSKI ET AL.	05-26-1981	
	B3	4,388,464		KRISTINSSON ET AL.	06-14-1983	
	B4	4,599,361		DICKENS ET AL.	07-08-1986	
	B5	4,632,931		NAKANE	12-30-1986	
	B6	4,715,883		LUKASZCZYK ET AL.	12-29-1987	
	B7	5,270,326		GALARDY ET AL.	12-14-1993	
	B8	6,294,674		PICARD	09-25-2001	
	B9	6,117,869		PICARD	09-12-2000	
SFB	B10	6,150,394		WATANABE ET AL.	11-21-2000	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
SFB	A1	WO	95/13064	A1	BRITISH BIOTECH PHARMACEUTICALS LIMITED	05-18-1995		
✓	B11	EP	305 947		MOCHIDA ET AL.	03-08-1989		
✓	B12	EP	548 798		KURONO ET AL.	06-30-1993		
✓	B13	EP	606 046		MACPHERSON ET AL.	07-13-1994		
✓	B14	WO	94/12181		EGBERTSON ET AL.	06-09-1994		
✓	B15	WO	95/13289		MONTANA ET AL.	05-18-1995		
✓	B16	WO	95/35275		MILLER ET AL.	12-28-1995		
✓	B17	WO	95/35276		MILLER ET AL.	12-28-1995		
✓	B18	WO	96/00214		MACPHERSON ET AL.	01-04-1996		
✓	B19	WO	96/11209		MONTANA ET AL.	04-18-1996		
✓	B20	WO	96/15096		KLUENDER ET AL.	05-23-1996		
✓	B21	WO	93/14069		BOWLES ET AL.	07-22-1993		
✓	B22	WO	97/45402		TAKAHASHI ET AL.	12-04-1997		
✓	B23	EP	757 037		SAKAKI ET AL.	02-05-1997		
✓	B24	EP	757 984		SAKAKI ET AL.	02-12-1997		
✓	B25	EP	468 231		ACKERMANN ET AL.	01-29-1992		
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NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.					T <sup>6</sup>

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SKB	A2	DATABASE CAPLUS 'Online!, CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; retrieved from STN, Database accession no. 1993:626388, XP002230555, "abstract; RN 150782-45-9, 150782-77-7, 150782-48-2, 150782-51-7, 150782-72-2, 150782-47-1, 150782-49-3, 150782-50-6, 150782-73-3, 150782-70-0 * & M.H. EL-HAKIM: AL-AZHAR BULL. SCI., vol. 3, no. 1, 1992, pp. 9-17.	
V	A3	EL-SAYED, R.A., "Some novel sulfaniyl amino acid derivatives," J. SERB. CHEM. SOC., vol. 56, no. 6, 1991, pp. 311-318, XP000882133.	
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V	B28	YE, ET AL., "Purification and Characterization of the Human Stromelysin Catalytic Domain Expressed in Escherichia coli," BIOCHEMISTRY, vol. 31, No. 45, pp. 11231-11235, 1992.	
V	B29	CHAPMAN ET AL., "Inhibition of Matrix Metalloproteinases by N-Carboxyalkyl Peptides," J. MED. CHEM., vol. 36, No. 26, pp. 4293-4301, 1993.	
V	B30	WILHELM ET AL., "SV40-transformed Human Lung Fibroblasts Secrete a 92-kDa Type IV Collagenase Which is Identical to That Secreted by Normal Human Macrophages," The JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 264, No. 29, pp. 17213-17221, 1989.	
V	B31	OKADA ET AL., "Matrix Metalloproteinase 9 (92-kDa Gelatinase/Type IV Collagenase) from HT 1080 Human Fibrosarcoma Cells," JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 267, No. 30, pp. 21712-21719, 1992.	
V	B32	WARD ET AL., "The Purification of Tissue Inhibitor of Metalloproteinases-2 from its 72 kDa Progelatinase Complex," BIOCHEMICAL JOURNAL, vol. 278, pp. 179-187, 1991.	
V	B33	DEBNATH ET AL., "4-(4'-Substituted benzoyl) aminobenzenesulphonyl-L(+)-glutamic acids and 5-N-substituted-2-[4'-(4"-substituted benzoyl)aminobenzenesulphonyl]-L-glutamines as potential antineoplastic agents: Synthesis, biological evaluation and quantitative structure-activity relational studies," INDIAN JOURNAL OF CHEMISTRY, vol. 28B, pp. 843-847, 1989.	
V	B34	GALLI ET AL., "Table II Enantiomeric Resolution of Dbs-Amino Acids on (S)-PheA-CSP," J. CHROMATOGR. A 668, pp. 77-89, 1994.	
SKB	B35	HANSEN ET AL., "Oxazoline Formation via a Palladium-catalyzed Cyclization: A Direct, Stereoselective Approach to cis-5-Amino-2-cyclopenten-1-ol Derivatives," TETRAHEDRON LETTERS, vol. 16, pp. 2913-2916, 1995.	

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<p><b>OPIE</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <b>FEB 05 2004</b>  <b>Date Submitted: February 5, 2004</b>  <small>(use as many sheets as necessary)</small>  <b>Sheet 1 of 1</b> </p>				<b>Complete if Known</b>	
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				Examiner Name	Samuel Barts
				Attorney Docket Number	67242/107

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V	B37	KAISER ET AL., "2-Substituted Derivative of 3,4-Dihydroxyphenylalanine," vol. 79, pp. 4365-4379, 1957.			
V	B38	LEE ET AL., "Systematic study on the resolution of derivatized amino acids enantiomers on different cyclodextrin-bonded stationary phases," J. OF CHROMATOGRAPHY, 603, pp. 83-93, 1992.			
V	B39	LIN ET AL., "Debsyl Chloride: Its Synthesis, Characterization and Application in Amino Acid and Amine Microanalysis," JOURNAL OF THE CHINESE BIOCHEMICAL SOCIETY, vol. 14, No. 1, pp. 10-19, 1985.			
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J	B41	NICKEL ET AL., "Carboxylic acid analogues of suramin, potential filaricides," INDIAN JOURNAL OF CHEMISTRY, vol. 30B, pp. 182-187, 1991.			
J	B42	STOCCHI ET AL., "Reversed-Phase High-Performance Liquid Chromatography Separation of Dimethylaminoazobenzene Sulfonyl-and Dimethylaminoazobenzene Thiohydantoin-Amino Acid Derivative for Amino Acid Analysis and Microsequencing Studies at the Picomole Level," BIOCHEMISTRY, 178, pp. 107-117, 1989.			
V	B43	VERDERAME, "Sulfide Derivatives of Cysteine II," JOURNAL OF PHARMACEUTICAL SCIENCES, vol. 51, No. 6, pp. 576-579, 1962.			
SB	B44	YONEDA ET AL., "Reactions of L- $\alpha$ -Tosylamido- $\beta$ -propiolactone: Synthesis, Reactions with Amines and Derivation to L-Seriene," UDC, vol. 89, pp. 98-103, 1969.			

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✓	B45	KSANDER ET AL., "Dicarboxylic Acid Dipeptide Neutral Endopeptidase Inhibitors," J. MED. CHEM., 38, pp. 1689-1700, 1995.	
✓	B46	SHIN-ZIKKENKAGAKUKOZA, vol. 14, 1787, 1978.	
✓	B47	HAMADA ET AL., "An Improved Synthesis of Arylsulfonyl Chlorides from Aryl Halides," COMMUNICATIONS, pp. 852 - 854, 1986.	
✓	B48	SONOGASHIRA ET AL., "A Convenient Synthesis of Acetylenes: Catalytic Substitutions of Acetylenic Hydrogen with Bromoalkenes, Iodoarenes, and Bromopyridines," TETRAHEDRON LETTERS, No. 50, pp. 4467-4470, 1975.	
✓	B49	SHARP ET AL., "Synthetic Connections to the Aromatic Directed Metalation Reaction. Unsymmetrical Biaryls by Palladium-Catalyzed Cross Coupling of Directed Metalation-Derived Arylboronic Acids with Aryl Halides," TETRAHEDRON LETTERS, vol. 26, No. 49, pp. 5997-6000, 1985.	
✓	B50	WITTIG ET AL., "Über Triphenyl-phosphin-methylene als olefinbildende Reagenzien (I. Mitteil.)," ALS OLEFINBILDENDE REAGENZIEN, No. 9, pp. 1318-1330, 1954.	
✓	B51	MORPHY, ET AL., "Matrix Metalloproteinase Inhibitors: Current Status," CURRENT MED. CHEM. 1995, vol. 2, pp. 743-762, 1995.	
✓	B52	JG TOPLISS ET AL., <u>Drug Design</u> , (1975) Vol. 5, pp. 1-21 (Academic Press, London).	
✓	B53	OECD Guideline for the Testing of Chemicals.	

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